



Montgomery County Fire & Rescue
Monthly Basic Training
MBT
Hydra-Ram Orientation

Drill: 19-01
Month: January
Time All Topics Required: 120 Mins

PREPARATION:

- EQUIPMENT:

A/V equipment to watch YouTube Instructional videos
Hydra-Ram I or Hydra-Ram II
- APPARATUS/PERSONNEL:

One primary fire suppression unit equipped with Hydra-Ram (I or II)
- SKILLS ASSESSED:

A firefighter’s ability to properly perform an operational check of a hydraulic forcible entry tool and to properly use the tool to defeat a standard locking mechanism.
- REFERENCES:

Hydra-Ram Information and Repair Sheets ([HERE](#))
Hydra-Ram 101 ([HERE](#))

- OBJECTIVES:** By the end of this training, personnel will be able to:
- Properly identify the components of a Hydra-Ram;
 - Be able to ensure the hydra-ram is in proper working order by completing a thorough pre-service check;
 - Be able to complete minor trouble shooting of potential issues with the hydra-ram and recognize out-of-service criteria;
 - Be able to identify appropriate scenarios in which the hydra-ram could be used for forcible entry; and
 - Be able to safely and effectively use the hydra-ram in a variety of forcible entry scenarios.

- BACKGROUND/SIGNIFICANCE:**
- Given the number of multi-family dwelling units in Montgomery County, there is a high likelihood for its use;
 - All primary fire apparatus carry this tool however the necessity for forcible entry may precede the arrival of a special service.
 - Failure to perform proper preventive maintenance may lead to costly repairs and unnecessarily place a critical tool out of service;
 - This tool has the potential to save time when forcing multiple doors but only if it is properly functioning and the user has knowledge of the tools abilities and limitations.

- LESSON PLAN:**
- Review the YouTube Video on Maintenance and Use ([HERE](#));
 - Complete a hands-on review of the hydra-ram located on in-station apparatus; and
 - Practical skill session.

- PRACTICAL SKILLS:**
- Complete a pre-service check of the tool to identify out-of-service criteria;
 - Complete a pre-service load test by lifting an object at the station (i.e. dumpster).
 - Complete a discussion or building walk-through of first due buildings in which the hydra-ram would be the tool of choice for forcing doors.